

Title (en)  
OPTICAL RECORDING/REPRODUCING APPARATUS

Publication  
**EP 0311691 B1 19930804 (EN)**

Application  
**EP 88902944 A 19880331**

Priority  
JP 8031987 A 19870331

Abstract (en)  
[origin: EP0311691A1] Auxiliary synchronising signals are recorded onto predetermined positions of a recording medium on which the synchronising signals have been periodically recorded in advance, using the same recording means as the one for recording data between synchronising signals. The phase of data read clock signals, whose phase is locked by the synchronising signals, is controlled based on the auxiliary synchronising signals such that the data is favourably read from the recording medium.

IPC 1-7  
**G11B 7/00; G11B 20/10**

IPC 8 full level  
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CPC (source: EP KR)  
**G11B 7/00** (2013.01 - KR); **G11B 7/013** (2013.01 - EP); **G11B 7/24085** (2013.01 - EP); **G11B 11/10502** (2013.01 - EP); **G11B 11/10578** (2013.01 - EP); **G11B 11/10595** (2013.01 - EP); **G11B 20/10527** (2013.01 - EP); **G11B 20/1217** (2013.01 - EP); **G11B 21/10** (2013.01 - KR); **G11B 27/19** (2013.01 - EP); **G11B 27/3027** (2013.01 - EP); **G11B 2220/2525** (2013.01 - EP)

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Cited by  
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**EP 0311691 A1 19890419; EP 0311691 A4 19910522; EP 0311691 B1 19930804**; AT E92663 T1 19930815; DE 3882877 D1 19930909; DE 3882877 T2 19931118; HK 120295 A 19950728; JP 2646553 B2 19970827; JP S63244448 A 19881011; KR 890700893 A 19890428; KR 960010568 B1 19960802; WO 8807742 A1 19881006

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